International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Application"	

For receiving Office use only

REQUEST The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) POLYPEPS F' Box No. I TITLE OF INVENTION POLYPEPTIDES F' OF THE HEPATITIS C VIRUS, T EPITOPES, AND THE DIAGNOSTIC AND THERAPEUTIC APPLICATIONS THEREOF Box No. II **APPLICANT** This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. Telephone No. 04.78.87.23.19 The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Facsimile No. bioMerieux 04.78.87.21.16 Departement Propriete Industrielle Chemin de l'Orme Teleprinter No. 69280 MARCY L'ETOILE **FRANCE** Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: FR FR the States indicated in the all designated all designated States except the the United States This person is applicant Supplemental Box United States of America of America only for the purposes of: States FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box No. III This person is: Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this applicant only Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) applicant and inventor Centre National de la Recherche Scientifique inventor only (If this check-box 3, rue Michel-Ange is marked, do not fill in below.) 75794 PARIS CEDEX 16 **FRANCE** Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: FR FR all designated States except the United States of America the United States the States indicated in the all designated This person is applicant for Supplemental Box the purposes of: States of America only Further applicants and/or (further) inventors are indicated on a continuation sheet. BOX NO. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the agent common representative applicant(s) before the competent International Authorities as: Telephone No. (Family name followed by given name; for a legal entity, full official Name and address: 04.78.87.23.19 designation. The address must include postal code and name of country.) **BioMerieux** Facsimile No. BITAUD, Valerie 04.78.87.21.16 Departement Propriete Industrielle Chemin de l'Orme 69280 MARCY L'ETOILE Teleprinter No. **FRANCE** Agent's registration No. with the Office Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used

instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)					
If none of the following sub-boxes is us sheet should not be included in the request.					
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Universite Claude Bernard Lyon 1 43, Boulevard du 11 November 1918 69622 VILLEURBANNE FRANCE This person is: applicant only inventor inventor only (If this check-box is marked, do not fill in below.)					
	Applicant's registration No. with the Office				
State (that is, country) of nationality: FR	State (that is, country) of residence: FR				
	ed States except the United States the States indicated in the States of America of America only Supplemental Box				
Name and address: (Family name followed by given name; for a legal The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of res BAIN, Christine 18, Hameau des Pierres Blanches 69510 SOUCIEU EN JARREST FRANCE	of the address indicated in this				
State (that is, country) of nationality:	State (that is, country) of residence: FR				
This person is applicant for all designated all designate	ed States except the United States the States indicated in the States of America only Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) INCHAUSPE, Genevieve 4, rue Villon 69003 LYON FRANCE This person is: applicant only inventor inventor only (If this check-box is marked, do not fill in below.)					
Applicant's registration No. with the Office .					
State (that is, country) of nationality: FR State (that is, country) of residence: FR					
	ed States except the United States the States indicated in the States of America only Supplemental Box				
Name and address: (Family name followed by given name; for a legal The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of residenc	of the address indicated in this				
State (that is, country) of nationality: State (that is, country) of residence:					
	ed States except States of America the United States of America only the States indicated in the Supplemental Box				
	another continuation sheet.				

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is us is sheet should not be included in the request.				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) PARROCHE, Peggy 11, Boulevard Vivier Merle 69003 LYON FRANCE	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
·	Applicant's registration No. with the Office			
State (that is, country) of nationality: FR State (that is, country) of res	sidence: FR			
	Inited States the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) PENIN, Francois 20, avenue des Platanes 69150 DECINES FRANCE	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
State (that is, country) of nationality: State (that is, country) of re-				
I I I I I I I I I I I I I I I I I I I	FR United States Indicated in the			
the purposes of:	merica only Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
The address must include postal code and name of country. The country of the address indicated in this	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) State (that is, country) of nationality: State (that is, country) of re This person is applicant for all designated all designated States except the left of the left	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) State (that is, country) of nationality: State (that is, country) of re This person is applicant for all designated all designated States except the U	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office Sidence: United States the States indicated in the			
The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) State (that is, country) of nationality: State (that is, country) of re This person is applicant for all designated all designated States except the purposes of: all designated States of America of America of America The address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office sidence: United States the States indicated in the Supplemental Box This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) State (that is, country) of nationality: State (that is, country) of re This person is applicant for all designated the United States except the United States of America of the United States must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) State (that is, country) of nationality: This person is applicant for all designated all designated States except the United States of America of the Indicated States of America of the Indicated In this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office sidence: United States the States indicated in the Supplemental Box This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			

Box l	No. V	DESIGNATION OF STATE	S A	1ark th	he applicable check-boxes below; a	it lea	st one	must be marked.
The following designations are here, adde under Rule 4.9(a):								
Regi	onal :	Patent						
⊠	AP	ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)						
\boxtimes	EA	desired, specify on dotted line) Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT						
×	EP							
⊠	OA	· · · · · · · · · · · · · · · · · · ·						
Natio	nal P	atent (if other kind of protection o	or tred	itment	desired, specify on dotted line):			
\boxtimes	AE AG	United Arab EmiratesAntigua and Barbuda	X	HR	Croatia	\boxtimes	OM PG	Oman Papua New Guinea
囡	AL	Albania	☒	ID IL IN IS JP KE	Indonesia		PH	Philippines
	AM	Armenia	X	IL	Israel	X	PL PT	Poland
	AT AU	AustriaAustralia	X	IS	IndiaIceland		RO	PortugalRomania
×	AZ	Azerbaijan	岗	JP	Japan	×	RU	Russian Federation
×	BA	Bosnia and Herzegovina	×	KE	Kenya			
			\boxtimes	KG	Kyrgyzstan	\boxtimes	SC	Seychelles
\boxtimes	BB	Barbados	\boxtimes	KP	Democratic People's	\boxtimes	SD	Sudan
\boxtimes	BG	Bulgaria		* * * * * * * * * * * * * * * * * * * *	Republic of Korea	\boxtimes	SE	Sweden
\boxtimes	BR	Brazil	\boxtimes	KR K7	Republic of Korea Kazakhstan	\boxtimes	SG SK	Singapore Slovakia
\boxtimes	BY BZ	BelarusBelize		LC	Saint Lucia		SL	Sierra Leone
×	CA	Canada	×		Sri Lanka	×	SY	Syrian Arab Republic
×	_	& LI Switzerland and	ă	LR	Liberia	×	TJ	Tajikistan
		Liechtenstein		LS	Lesotho	\boxtimes	TM	
\boxtimes	CN	China	\boxtimes	LT	Lithuania	\boxtimes	TN	Tunisia
\boxtimes	CO	Colombia	×	LU LV	Luxembourg	\boxtimes	TR	Turkey
\boxtimes	CK	Costa Rica	岗	LV	Latvia	K	TT	Trinidad and Tobago
	CZ	Cuba Czech Republic	岗	MD	MoroccoRepublic of Moldova	\boxtimes	TZ	United Republic of Tanzania
×	DE	Germany	لاحا	2		×		Ukraine
\boxtimes	DK	Denmark	\boxtimes	MG	Madagascar	\boxtimes	UG	Uganda
\boxtimes		— • •	\boxtimes	MK	The former Yugoslav	\boxtimes	US	United States of America
\boxtimes	DZ	Algeria			Republic of Macedonia	5		
×	EC	Ecuador	121	BABI	Manage 1:		UZ VC	UzbekistanSaint Vincent and the
X	EE ES	Estonia	×	MW	Mongolia Malawi		VC	Grenadines
껆	FI	Spain Finland	岗	MX	Mexico	M	VN	
Ħ	GB	United Kingdom		MZ	Mozambique	\boxtimes	YU	
$\overline{\boxtimes}$	GD	Grenada	\boxtimes	NI	Nicaragua	\boxtimes	ZA	South Africa
	GE	Grenada Georgia	\boxtimes	NO	Mozambique Nicaragua Norway New Zealand		ZM	Zambia
	GH	Ghana	\boxtimes	NZ	New Zealand	\boxtimes	zw	Zimbabwe
\boxtimes	GM	Gambia						
Chec	Check-boxes reserved for designating States which have become party to the PCT after issuance of this sheet:							
\boxtimes	and al	l other designated countries	\boxtimes			\boxtimes		

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except the designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY CLAIM						
The priority of the following earlies plication(s) is hereby claimed:						
Filing date Number Where earlier application is:						
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) (07/01/2003) 7 January 2003	0300094	FR				
item (2)						
item (3)	-					
item (4)						
item (5)						
Further priority c	laims are indicated in the S	Supplemental Box.				
The receiving Office is a (only if the earlier applited Office) identified above a	ication was filed with the	ransmit to the Internations Office which for the purp	al Bureau a certified copy of coses of this international ap	the earlier application(s) oplication is the receiving		
all items item (1) item (2) item (3) item (4) item (5) other, see Supplemental Box						
*Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):						
Box No. VII INTERNATIONAL SEARCHING AUTHORITY						
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):						
ISA /EP Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International						
Searching Authority):						
Date (day/month/year) 07/01/2003						
D. N. MILL DECLARATIONS						
Box No. VIII DECLARATIONS The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in Number of						
the right column the number of each type of declaration): declarations						
Box No. VIII (i)	Box No. VIII (i) Declaration as to the identify of the inventor :					
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:						
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :						
Box No. VIII (iv)	(iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) : 1					
Box No. VIII (v)	Declaration as to non-nu	rejudicial disclosures or excent	tions to lack of novelty:	:		

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the form g standardized wording provided for in Section 214; the step tes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box. No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

(in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.					
Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:					
I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.					
This declaration is directed to the international application of which it forms a part (if filing declaration with application).					
This declaration is directed to international application No. PCT/(if furnishing declaration pursuant to Rule 26ter).					
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.					
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.					
Prior Applications .					
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.					
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
Name: BAIN, Christine					
Residence: Soucieu en Jarrest, France (city and either US state, if applicable, or country)					
Mailing Address: 18, Hameau des Pierres Blanches					
F-69510 Soucieu en Jarrest					
Citizenship:France					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: December 4, 2003 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)					
Name: INCHAUSPE, Genevieve					
Residence: Lyon, France (city and either US state, if applicable, or country)					
Mailing Address: 4, rue Villon					
F-69003 Lyon					
Citizenship:France					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: December 4, 2003 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)					

 \boxtimes

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

Box No. VIII (v) DECLARATION: NON-PREJU	DICIAL DISCLOSURES OR EXCEPTIONS TO LACK OF NOVELTY
The declaration must conform to the general) and the specific Notes to Box No. VIII (v). If this	ding provided for in Section 215; see No. Boxes Nos. VIII, VIII (i) to (v) (in s Box is not used, this sheet should not be included in the request.
Declaration as to non-prejudicial disclosures or exception	ns to lack of novelty (Rules 4.17(v) and 51bis.1(a)(v)):
Continuation Box No. VIII.iv)	
Name: LAVERGNE, Jean-Pierre	·
Residence: Villeurbanne, France	
Post Office Address: 30, rue Armand	
F-69100 Villeurbanne	
Nationality: France	
Signature of the inventor:	Date:
Name: PARROCHE, Peggy	
Residence: Lyon, France	
Post Office Address: 11, boulevard Vivvier Merle	
F-69003 Lyon	
Nationality: France	
1.	
Signature of the inventor:	Date:
Name: PENIN, Francois	
Residence: Decines, France	
Post Office Address: 20, avenue des Platanes	
F-69150 Decines	•
Nationality: France	
Signature of the inventor:	Date:
	•
This declaration is continued on the following she	eet, "Continuation of Box No. VIII (v)".

Box No. IX CHECK LIST; LANGUAGE OF FILING						
This international application contains. (a) in paper form, the following	This international application is accompanied by the item(s) (mark the applicable check-boxes below and it					
number of sheets:	right column the number of each item):					
request (including	1. 🛮 fee calculation sheet	: 1				
declaration sheets) : 8	2. 🛮 original separate power of attorney	: 2				
description (excluding sequence listings and/or	3. original general power of attorney	:				
tables related thereto) : 64	4. a copy of general power of attorney; reference r					
claims : 5	if any: 5. statement explaining lack of signature	, Z				
abstract : 1	6. priority document(s) identified in Box No. VI	as				
drawings : <u>3</u>	item(s):					
Sub-total number of sheets: 81	7. translation of international application into					
sequence listings : 152	(language):	:				
tables related thereto :	8. separate indications concerning deposited microorganism or other biological material					
(for both, actual number of sheets if filed in paper form,	9. Sequence listing in computer readable form (iii	ndicate				
whether or not also filed in	type and number of carriers)					
computer readable form; see	(i) copy submitted for the purposes of interna					
(c) below) : Total number of sheets : 233	search under Rule 13ter only (and not as per the international application)	part of				
(b) only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is m	arked				
(Section 801(a)(i))	in left column) additional copies including					
(i) sequence listings	applicable, the copy for the purposes of international search under Rule 13ter					
(ii) tables related thereto	(iii) \(\simega\) together with relevant statement as to the	identity				
(c) also in computer readable form	of the copy or copies with the sequence li					
(Section 801(a)(ii))	mentioned in left column	: 1				
(i) ⊠ sequence listings (ii) □ tables related thereto	10. tables in computer readable form related to se					
Type and number of carriers (diskette,	listings (indicate type and number of carriers					
CD-ROM, CD-R or other) on which are contained the	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (as part of the international application)					
	(ii) (only where check-box (b)(ii) or (c)(ii) is					
tables related thereto	in left column) additional copies including applicable, the copy for the purposes of	z, where				
(additional copies to be indicated under	international search under Section 802(b-	quater) :				
item 9(ii), in right column)	(iii) together with relevant statement as to the	identity of the				
	copy or copies with the tables mentioned	in left column :				
	11. other (specify):	·····;				
Figure of the drawings which	Language of filing of the					
should accompany the abstract:	international application: FR					
Box No. X SIGNATURE OF APPLICANT Next to each signature, indicate the name of the person sign	, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is n	ot obvious from reading the reauest).				
Marcy l'Etoile, le 24 December 2003		3 1 /-				
Valerie BITAUD	Valerie BITAUD					
For receiving Office use only						
Date of actual receipt of the purported international application:		2. Drawings:				
 Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 		received:				
4. Date of timely receipt of the required not received:						
corrections under PCT Article 11(2):						
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid					
The state of the s	For International Bureau use only					
Date of receipt of the record copy						
by the International Bureau:						